



PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**
Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

24319 7590 12/21/2005

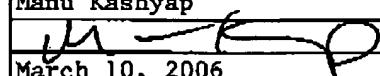
LSI LOGIC CORPORATION
 1621 BARBER LANE
 MS: D-106
 MILPITAS, CA 95035

03/13/2006 TBESHAW2 00000013 122252 10717083

 01 FC:1501 1400.00 DA
 02 FC:1504 300.00 DA

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 Certificate of Mailing or Transmission
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

 Manu Kashyap (Depositor's name)

 March 10, 2006 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/717,083	11/19/2003	Wen-Yan Koc	03-0495 1496.00342	7029

TITLE OF INVENTION: CROSS SWITCH SUPPORTING SIMULTANEOUS DATA TRAFFIC IN OPPOSING DIRECTIONS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	03/21/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
MISIURA, BRIAN THOMAS	2112	710-306000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Christopher P Maiorana PC

2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 1.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

LSI Logic Corporation

Milpitas, California USA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies _____

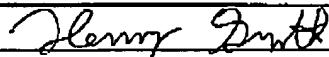
 A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 12-2252 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
 NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature



Date

3/10/2006

Typed or printed name

Henry Groth

Registration No.

39,696

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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03/10/2006 11:15

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**FAX COVER SHEET**

LSI LOGIC CORPORATION
Office of General Counsel
1621 Barber Lane
M/S D-106
Milpitas, CA 95035
Fax: (408) 433-7460

Date: March 10, 2006
To Name: USPTO – BOX ISSUE
Fax: 571-273-2885
Phone: 703-305-8283

From: Name: Manu Kashyap, Intellectual Property Paralegal
Corporate Legal Dept.
Telephone: (408) 433-7475
Fax: (408) 433-7460
Re: 10/717,083

Number of Pages Including this Page 3

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MESSAGE:

Docket Number: 03-0495
Box: Issue Fee Payment and Publication Fee

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement; otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$170.00)

Complete if Known	
Application Number	10/717,083
Filing Date	November-19, 2003
First Named Inventor	Wern-Yan Koe
Group Art Unit	2112
Examiner Name	Brian Thomas Misiura
Attorney Docket No.	1496.00342 / 03-0495

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account **12-2252**Deposit Account **LSI LOGIC CORPORATION**

Charge Any Additional Fee required Under 37 C.F.R. 1.16 and



Charge the Issue Fee set in 37 C.F.R. 1.18 at the Mailing of the Notice of Allowance.

2. Payment Enclosed:

 Check Money Order Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Large Entity Fee (\$)	Large Entity Fee Code (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee
106	330	206	165	Design filing fee
107	540	207	270	Plant filing fee
108	790	208	395	Reissue filing fee
114	150	214	75	Provisional Filing fee

SUBTOTAL (1) (\$0.00)**2. EXTRA CLAIM FEES**

Extra Claim	Fee from below	Fee Paid
Total claim -20**=	<input type="text"/> X <input type="text"/> = <input type="text"/>	
Independent Claims -3**=	<input type="text"/> X <input type="text"/> = <input type="text"/>	
Multiple Dependent	<input type="text"/> = <input type="text"/>	

*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Large Entity Fee (\$)	Fee Description
103	22	203
102	82	202
104	270	204
109	82	209
110	22	210
		11
		Claims in excess of 20
		Independent claims in excess of 3
		Multiple dependent claim, if not paid
		**Reissue independent claims over original patent
		**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0.00)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Large Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	85 Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English specification
147	2,520	147	2,520 For filing request for reexamination
112	920*	112	920 Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	400	216	200 Extension for reply within second month
117	950	217	475 Extension for reply within third month
118	1,510	218	755 Extension for reply within fourth month
128	2,060	228	1,030 Extension for reply within fifth month
119	310	219	155 Notice of Appeal
120	310	220	155 Filing a brief in support of an appeal
121	270	221	195 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,320	241	660 Petition to revive - unintentional
142	1,320	242	660 Utility issue fee (or reissue)
143	450	243	225 Design issue fee
144	670	244	335 Plant issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	790	246	395 Filing a submission after final rejection (37 CFR 1.129 (a))
149	790	249	395 For each additional invention to be examined (37 CFR 1.129 (b))
Other fee (specify)			PUBLICATION FEE
Other fee (specify)			300

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$140.00)**SUBMITTED BY****Complete (if applicable)**

Typed or printed name	Henry Groth	Reg. Number	39,696
Signature	<i>Henry Groth</i>	Date	3/10/2006 Deposit Account User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents.

PAGE 3/3 * RCVD AT 3/10/2006 2:19:34 PM [Eastern Standard Time]* SVR:USPTO-EXRF-24 * DMS:2732885 * CSID:4084337460 * DURATION (mm:ss):01:38

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